

Converting Colors

Hex(008866)

Have a look what the booklet for
Hex(008866) contains.

Hex(008866)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(008866)

Conversions

Conversions Part 1

Format	Color
Hex	008866
RGB	0, 136, 102
RGB Percent	0%, 53%, 40%
CMY	1.0000, 0.4667, 0.6000
CMYK	1.00, 0.00, 0.25, 0.47
HSL	165°, 100%, 27%
HSV	165°, 100%, 53%
XYZ	11.2024, 18.5676, 15.5639
YIQ	91.4600, -70.1420, -39.4060

Conversions

Conversions Part 2

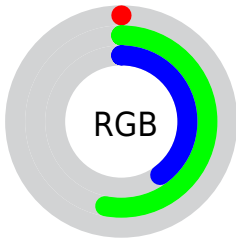
Format	Color
RYB	0, 78, 136
Decimal	34918
CIELab	50.18, -40.10, 9.53
CIELCh	50, 41.216, 166.635
Yxy	18.5676, 0.2471, 0.4096
Android (android.graphics.Color)	4278224998 (0xFF008866)
YUV	91.4600, 5.1962, -80.2104
Hunter-Lab	43.0902, -29.0020, 8.7480

Details

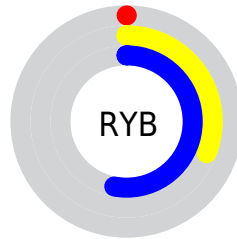
The Hex color **008866** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **880022**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **52BE99**, and **005537** is the 20% darker color. If you saturate the color by 10%, you get **008866**, and if you desaturate by 10%, it is **0E8869**.

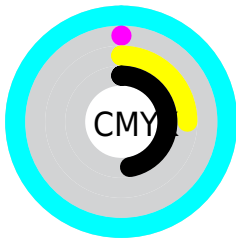
Distribution



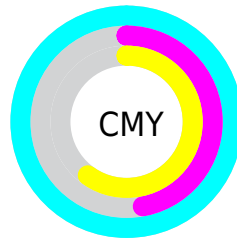
- Red (0%)
- Green (53%)
- Blue (40%)



- Red (0%)
- Yellow (31%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008866 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 008866 by changing the saturation by 10% instead.

 008866

 008866

FFFFFF

 006E4E

 52BE99

 005537

 6FDAB4

 003D22

 8CF7CF

 00280C

 A8FFEC

 000100

 C5FFFF

 000000

 E3FFFF

 008866

 0E8869

 1B886D

 298870

 368874

 448877

 52887A

 5F887E

 6D8881

 7A8885

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



518445



008866



00898A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



008866



5F74BB



B06346

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



008866



880022

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B95A65



008866



9366A8

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



008866



0080BB



B05B89



997031

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



008866



0088A0



B05B89



B55F4F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



008866



7BB0A3



228800



395951



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



008866



00B084



006688



3E4543



008563



000504

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



880022



B0002C



882200



453E40



850021



050001

Previews

White Background



This preview shows how the Hex color 008866 looks on a white background.

Color Contrast Check

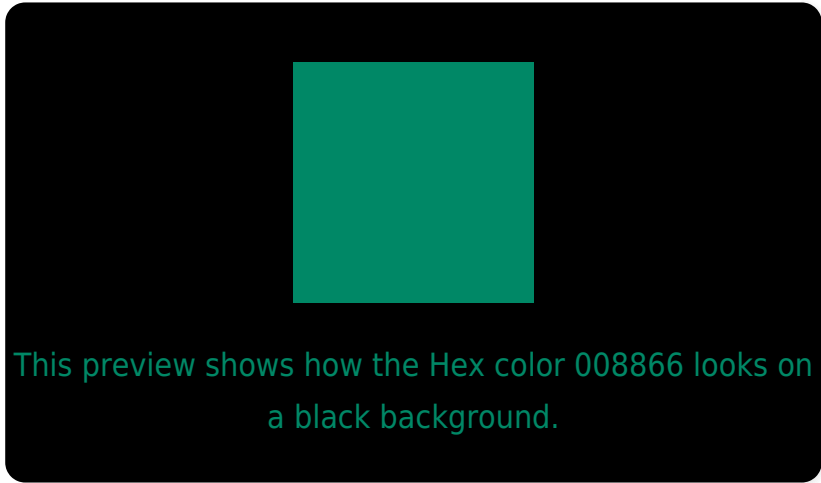
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

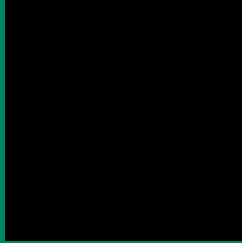
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 008866 Background



This preview shows how black text looks on a background with the Hex color 008866.



This preview shows how white text looks on a background with the Hex color 008866.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
008866

Protanopia
7F775E

Deuteranopia
87736B



Tritanopia
2C838D

Trichromacy



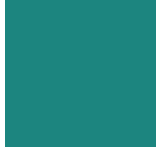
Original Color
008866



Protanomaly
517D61



Deuteranomaly
567B69



Tritanomaly
1C857F

Monochromacy



Original Color
008866



Achromatopsia
5B5B5B



Achromatomaly
3A6B5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 008866 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #008866 looks like.

```
.text, #text, p{  
    color:#008866  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #008866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008866
}
```

Border

The CSS property to change the border of an element to Hex 008866 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#008866 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#008866 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #008866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008866; -webkit-box-shadow:4px 4px  
4px 4px #008866; box-shadow:4px 4px 4px  
4px #008866 }
```

Background

The CSS property to change the background color of an element to Hex 008866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008866 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#008866 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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